PRIME MINISTER CONGRATULATES CHAMPION

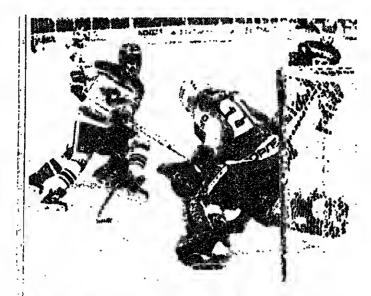
Gandlii recently welcomed or her residence the participants of a Delbi international cliess tournament and warmly conwomen champion Mayo Chilon-datadze of the BSSR.

The Prime Minister spoke highly of the devalopment of relations between the USSR and hidia, specifically in sports, She stressed that meetings with Soments like the one just anded provided hidran casess players with very valuable expedence, enabling a resurgence of the uncient game in India and Ila

Indian Prime Minister India to Soviet chess players and all

Mara Chibin danidze's showing at the tournament, which altracted considerable interest nmong all chees lovers in the country. The world champion played excellently, coming out ahead of 11 majo Grandmasters

The tournament winners and participants were presented with nwaids at a colemony in tha house of Soviet Science, Calturo and Arts where the lournamont was hold for the second Inquitatization. Site conveyed time at the initiative of the her givetings and good wishes cal M. Botvinsik chess club. time at the initialive of the in-



Moscow Spariak beal visitore Gorky Turpedo 6-2 le a recent aelionel top division ice-hockey championship game.

pointe from 31 genies.

To otake the Cenadian side for the Cunada Cup is the dresm of any NHL player, and while

the players simultenoously fight for places on the nettonel aids. The leaders, Edmonton Ollers,

ilie leam of Wnyno Gretzky,

have 97, with Bulfato Sabres

halling them with 11 points

less. The NIIL clubs have an lar

aherp protesi has been made by Spyroe Folinos, the Mayor of the

averngod 64-65 games each.

Ice hockey on the final straight Tho Swedish championahip leaders Stockholm AlK have 42

After the 1981 Olympics Icebackey specialists and lana sat their sights on the champion-hips of the countries layoured to wire the third Chanda Cup due this September. The closing games of the ice-hockey season will name combidates for Canada

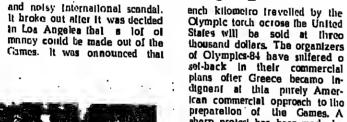
thip participation. In the USSR championship the caronicated leaders are the Con-tial Army Club, which formed the aninstay of the aide which won the 1984 Olympic IIIIe, in-cidentally, the 1/SSR won the second Canada Cup. The Central Army Club continue mode-feated with 52 points from 26 gamea. Moscow Sparlok have 39 points after 27 gaores, and Klev Sokol ond Voskresensk Khimik are level at 35 points front as many games to share 3rd-4th

position.
In Czechoslovakio the top di-vision cluba havo played 27 games each, with leaders Pandablee Tesle miessing 40 points and followed by Jihlava Dukla ond the Lilvinov town team, who are level with 38 points

Turning a fast buck from Olympics

in its parsuit of quick profits the Organizing Committee of the Summer Olympics in Los Angethe centre of a long-drawn-out

and noisy international scandal.



Greek city of Olympia. In response, the organizera of e Comes resorted to arm-twisting. The Los Angeles Organizing Los Angeles took odvanlege of their etey in Sarajovo during the Winter Olympics to put pressure on the IOC. At the eeme liose, e byslerical campaign woe aunched in the American press to an ollempt to obfuscate the issue end to shift the responsible lity onto an innoconi party. The Motor racing is very popular in the Soviol Ballic Republics of Latvia, Lithiracio ond Esionia, More thes e hundred costesiaels beve Mayor of Olytopie bes been subbeen allracted by "The Big Prize of Riga" which has been won by jected to the harshest recriminations in local newspapers which

SPEEDING TO NEW RECORD

Franz Weber of Anstrla bas sel a new world skiling speed record, dashing downhill at 203,155 kph at a compelition in the Chindlan Rocky Mountains.

The 76 skiers who set out from as high us 4,333 metres down the nurthern alope of the storm peak sought lu set a record but only 12 of them reached the check point of the

They start making copies

the Brazilinn Football Confederollon to have a copy made of the "Goldon Couldess" cnp won by Brazil and stolon from the Confederation premises. The contederation premises. The commission was oworded to a West Cerman (sweller apociolizing in copies of stolen sporie trophies; he has already been commissioned to make copies of the "Golden Bowl", the "Independence Cup" and the "Justice Cup" which were also stolen in Brezil and Mexico.

The US firm of Wester has

The US firm of Kodek has undorlokeo to meet the ex-penses involved in making cups for both Brezil ond Mexico thus winning the right to edvertise its products at oil major tolernational events involving Letin American elbletes

Control of the second of the s

S-10425 Sinckhoim

For eli questiona tovolving nonreceipt of the paper, delivery of the paper to a only address,

Russian as wall. Confect the lim or agency handling subscription for Soviet poriodicals Complementarious contractions of the contraction of

Biathlon

Venera Chernyshova of the USSK has opened the list of women blothlon world disploned by winning a to in blathlon with three shooting it. Chamonix, France in 44 mg. 21.07 sec. The Hrst officiel world by

men's championship in the bingar of biallilon drew 35 salasi tioin 12 countries. The USE made n cfean aweep of the awards as Lyudollis Zabalobyy and Talyana Stylina care second and third and K. Para Buished Jourth.

Yuri Koshkarov of the USE Sarajevo Olympic biathlen reig witner, hes won the less world cup aloge, a 20 km ne y at Oherhol, CDR, in 1 hr 65 ct

Bribe to the losers

A scandal broke out in Rigian football following a length luvestigation which resent that the owners of Standard on of the leading Belgian pro-sional clubs, paid a large bit to their rival in the final retional championship make : the 1981-82 season. The six : defeat was meanl is not Standard Belgium's chample: The rivid teem, Waterschell making room for Standard : luconia champion after it got one point over Anderlecht.

This cythenco was given to the police by R. Gerels, the igwho for a long time wa Slandard's captain. The par questioned bin several lime: rlubs' use of money from & so-catter! "block cash little which the bosses of the proslottel clutts conceel in order 5



Karl Trenhard of Wed Ge many has sel a caw world be door high-jumplog record of 237 cm of an abbellic credit West Berllo, a one caning to improvement on the former being V. Pakilo of the USSE.

Published Tuesday and Smarth Index 50078.

USSR Supreme Soviet elections

On Sunday, March 4, 1984, from 6 e.m. in 10 p.m. local lime, the Soviet people voted in the elections to the Supreme Soviet of the Union of Soviet Socialist Republics of the 11th convocation.

On that day at a meeting of the Central Electoral Commission for

Elections to the USSR Supreme Soviet, which took place at Moscow's House of Union, the progress of elections nationwide was reviewed. The election returns which came in by noon indicated a voter turnout of 89.42 per cent and by 6 p.m. this had risen to 99.59 per cent.

Throughout the country the elections were marked by good urganization, and great enthusiesm on the part of the voters. They proved to be e fresh striking indication of the indestructible unity of the Communist Party and Soviet peuple and of the triumph of socialist democracy.



No. 19 (534), MARCH 6-12, 1984

Election day ittustrated the hitimph of our socialist democracy, a "Prayda" leader emphasizes. This is an operating democracy. The voters submitted many propusals to candidates concerning the way our society should advance and the pressing issues of the day. On election day we voted for the builtier consolidation of the unity and cohesion of Soviet society — a society of social justice and genuino people's rule — for the great and unbreakable friendship of the internal proples, and for the further improvement in the living

standards of every Soviet family.

One of the most urgant requests received from voters was to every the threat of was and preserve proce for present and coming generations. The Soviet peo-ple unanimously approve the Leninist foreign policy pursued by our Party; at the same time the requests reflect people's support for the efforts by Party and government to provide adequate security for this coun-try and her friends and allies.

The principles of our foreign policy, as outlined in Konstantia Chernenko's speech, have provoked wide international response. The chirl objective of this po-





March 4 elections to the USSR Photos by Sergel Smirnov and Sergel Kosyryov

Proposals by Warsaw Treaty states

The Warsaw Treaty memberstates have proposed to NATO member-states that preparatory consultations be held to be attended by all countries moking part of the two millances to reach agreement on the start of talks on mutual non-increase in military spending and its sub-

In eddition to the proposals contained in the Prague Decloration and the Moscow Stelement, the Warsaw Treaty mem-bor-states auggest the following possible moves on a way of reduction issue:

- the implementation, on the basis of mutual example, of

duction in the military budgets of the Warsow Treaty and NATO member-stelea (each stele to independently decide on the size of the reduction). with the subsequent freezing of these budgets for a period of roughly three years; this propo-sal being intended to lacilille

3-1/2 also sacroned to to 1 (69%) [1.2]

Price 5 kopeks

reductions in military budgete through follow-up lalks;
— lump reductions, of a
lits step, in the military budgets of Worsaw Treaty ond

the trensition to more radical

nucleer weapons by o previously agreed joint tolol; the concrele size of reductions for

each country to he os a percentage of an agreed sum propor-tionate to the gross national

- reductions in the militory budgets of the respective Worsaw Treoly and NATO memberelates in connection with the Implementation of concrete disarmament measures, which could be formulated of disarmoment laiks (each of the partici-pants of either disarmament talks to epecily, on reoching appropriate accords, the eum by which it would reduce its

military budget); cellings to be set on milliery hudgets, lower than the existing levels.

DMITRY USTINOV IN INDIA

india need and ought to coope-role. Relations between our naitons, capecially efter we concluded our Treaty of Peace. Filendahlp and Cooperation, have been on the right Lrack, stressed USSR Defence Minister Dmilry Ustinny, who is now in India on an ollicial visit. Even though we bave dillering social aysiems, he emphasized, if one wants to live in peace ond wanta peace on earth, such cooperation is both useful and necessary.

Uelinov was received by Indian Prime Minister Indire Gandbi and Defence Minister R. Venkajaramen. The talka were held in o friendly otmosphale and last ol mutual interest were discusnov's present viait, be dressed, highlights the importance which is effected to the development of our mutual friendship and OUR TASK

R. Venkataramen pointed out that relotions between Indio and

the Soviet Union bave on et

embrocing nature, which is why such high-level loks ero indis-pensable. Marchal Dmitry Usii-

GARY HART: IS TO STOP THE NUCLEAR

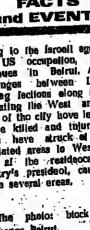
New York, Our main elm is to stop the Insene race in nuc-lear orms and to reverse it. This is necessary in order secure the survival of mankind, said one of the leading Democratic contenders for the presidency, Sensior Cary Hert, in en interview to ABC television nal work.

FACTS and EVENTS

Owlog to the Isroell eggression and US occupation, tension cootinues in Belrui. Artillery exchanges between Lebonese warrieg fections elong the line separating life West and East perts of the city hove left many people killed and injured. The suells have struck el densely populated areas lo West Beirnt and al the residence al the country's president, causing fires in several ereas.

in the photo: btock smoke overhangs Beirut.

Pholo AP-TASS



604 million dollars:

@ The first eighloen ni the 108 additional agreements dealing with ennerate matters of mil-

illary cooperation currently under discussion between the USA end Greeco, heve been denounced by the Greek side and cancellollon procedures hove been iniliated. This was announced in Albens by an officiel government spokesmsn. The US Department of the All Force has signed e confract

All Force has signed a contract with the McDonnal Dougles Corporellon for the production of 155 F-18 lighter-hombers and A-18 planes to the tune of 1.1 thousand million dollars. At the rame time, if has asked the Hughes Helicopters company to produce AX64A choppers worth

ARMS RACE

He levelled sharp crificism e White Finuse policies in arms conirol. I do not agree with many frends in fliess policies, and I am disincilned in believe what the edministration says in election year, he noted. Mr Hart said that there can be no trusting Reagan's eletemente to disarmament problems, or about his alleged modiness for dielogue with the Soviet Unice.

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EDITORIAL BOARD

DECISION ADOPTED

Geneva. Step up the strugglo egoinst aportheld, advocates the ministrative council of the inernational Labour Organization (ILO). At a regular session of this ILO executive body that has just ended here it was de-tided that a conference on the Subject should be held early next May, in a "irontline" state in the south of Airten.

in discussing problems rotat-ing to the development stretegy od irolning of personnel for developing countries, many speakers noted that their solu-

tion was closely linked—as wos the solution of masa unemployment to capitalist countries . to stopping the orms roce, continuing the policy of detanto and tracing considerable sums of monoy for peaceful purposes. The topresentativas of the sotolisi conntries sid they would insign that the lasues of peace ond disormament received wider and more specific relicction in ILO activities and that a special programme on the accio-economic aspects of dispropriment be

SOUTH AFRICA TRAINS TERRORISTS

Paris. Rocist South Africa guides ond finances thugs to carry out terrolistic oclivities in order to destabilize the situoon in independent countries in the south of Airtea, otresses the Paris-based "International Herold Tribine".

The so-called Mozambique Notional Realelance, the newsbaper points out, was set up by tha security forces of South Af tica and former Rhodesto. Alter Imbabwo won independence. the organization came under fulf control of Pretorio's accret that the terroits units get their troining at four South Af-ricon baseo while resistance leoder Pernandez hos his "headquoriers" in the north of the South Airicon Transvael province. As revealed by documonis selzed when several gengs were rounded up, the terrorists act on orders from RSA-creoled epecial forces for counier-revolutionory operationo in neighbouring countries, chilefly Angola. Zimbobwo and

SUBVERSION DISGUISED AS CHARITY

Carecas. The American secret services are implanting off oris of missions and secto in eoczuela, whose activities are incompatible with the oatlonol interasis of that country. This statement was mode by the Bobemia Venezolana" megezipe, published in the Venezuo-ian capital. In one of its orticles, it describes the subversive activities of two religious mis-sionary groupings, "The Nueva Generocion" and the so-called "Church of Easiern Caracos".

'Tha New Tsibes' la o branch of the ClA-controlled

VIEWPOINT

Yha ramovol of the obstocles

reised by the USA at the tolks

on "European" and atrotogic nuclass wonpons (a stop which

would size ruin out the need ler

enswiring ection by the seciolist

issuas saleting to curbing the erms rece, the take on thosa is

sues being elihor suspanded or blocked by the American side.

The recognition by the nuclinor

powers of definite norms of con-

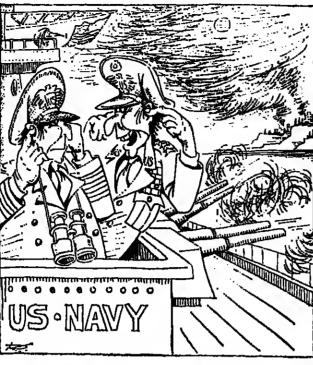
duct, whose observerice would

psevent the esuption of nuclear

the practice solution of other

countries

"snmmer languego tostitule" which operates in a number of Lotin Amarican countries os a front for the conduct of subversivo operations. in Vonazuela the institute operates chiefly omong the indions flying in the remole porta of the country. "The missionaries" ore ruloing the cutture, language ond traditions of the nstives, imposing on theor often views and theories, ond, eventually, irolning them os o sort of "fifth column", the mogszine ofresse.



Siloace to Lebooou, thet to what we dream of Drowing by Konstantin Rybolko

WORLD POPULATION BY THE YEAR 2000

Delhi. The Indian copilel has been the venua of the lirst Conforenco of Asian Parliamenlariana who met to diacuss poputallon problems. II was serious molters that brought the parlie-mentariane to Dellit. According to the estimates of UN experte. the Earth's population, which now stonds at 4.6 thorsond mil-6.t thousand million by the year 2000, with the greatest population growth expected in the devaloping world. Estimotos published by "The US Naws and World Report" forocast a 70 par cent population rise in Airica, o 45 per ceni rise in Latin Asia, a 25 per cant riso in Ocoonlo and s 20 per ceni rise in China. The same estimotas indicole a 12 por cont increase in the populations of the Soviet Union and the United Stoles, and o five por ceni increase in the

population of Europe (excluding the Soviet Union]. included omong the ten mos

populoue cillas are Sao Poolo, Shaughat, Tokyo-Yokohamo, New York, Peking. Rio do Janeiro, Bombay, Calculta, end Jekorto while Mexico City with a popula-tion of 31 million will be the world'e biggest inban area,

By the ond of this century the delegoies pointed out, one thousand million poople will have been born in Asio, while the netional product in the Asien countries grows of a rate hardly higher than the population growth.

The delegates addressing the conference stressed that the exlating economic order, unde which the economies of many ileveloping countries are dependent on the importalist atotes. might result in more than a thousand million people suffer-ing from hunger by the year

The newopaper points out that

The "creeping" ennexation a mode particularly dangerous in

90 per cent of the Japanese, m Indicoled by a public opings poil, support belter relations with the USSR. Reflecting that sentiment of the Japanese peop's we will etilt more eclively work

lion, will have increased to America, a 39 per cent risa in

was by placing their missiles in Europe that the Americans cree-

ied obstacles to the lelks, e remeval of these obstacles

would lecilitolo the achieve-moni of mutuolly accapte-bla agraaments. In this wey

a first mojor step could be token towards totolly trealing

the "development" of Arsh territorios by the Isrocli occupien has become noticeably moto fctense since the extreme right wing Likud bloc came to power in lorael. During its period in government, more than one hundred settlements but been sci up, with 23 of them erected last year, and another 12 in the pipelino.

90 PER CENT

OF THE JAPANESE

FAVOUR BETTER

WITH THE USSR

Tokyo, The strangthening and development of Soviet Ispance

relations have important signi-

ficonco for the cause of place

in Asia and worldwide and ad-

vanco the vital interasts of the

Jepanese people, stresses ile drall progromme for 1984 ad-

opied bere at the national meeting of the activists of the Ispat-USSR Society. It points out that

to deepen mutual understanding ond strengthen filendship le-

lween the peoples of the two

neighbouring countries and world peace, the specting pur-

The document stresses the

need to relly the country's

democratic loices to curb the

thrent of thermonniclear was, "

tensily the struggle for the con-

plete baunting of nuclear war-one, against the consolidation d

the Inpanese-American militer,

ellinuce and Japan's escataling

militory preparetion, and la

the policy of non-alignment at-

'Creeping'

annexation

London. There are now 3: thousand isroell colonists on its

West Benk, and ten thousand b

the Gaza Strip, the London-base

"Al-Shork at-Alisal" newspare

reports. Tel Aviv has sel up &

total of 160 paro-millery selle-

ments on the occupied Alab

cluonis omphosized

RELATIONS

view of the fact that many of the pors milliery fereel sellements or orected around Arab cities. Among these settlements there are many fortilled camps of store troopers from the extremist Gush Emunim organization who per-petrale octs of lerior and rio-lonce ogolnel peaceful divilians.

at Point Salines

Georgotown. Washington is plenoing to expedite the construction of the Granada laternational eleptroi of Point Saliner in order to turn it into its all these in the Cartibban. The P base in the Caribbean. The it in order to tuling the base in the Caribbean. The is land's former govarnor general P. Scoen told over Grenal radio that President Reagan had persoeslly assured him that its USA would see through the construction of the sirport stand with belp from Cuba and interupted by the US aggression agoinst this leland stale. According to Scoon, the American Embassy in St George's was already instructed to maximally help in the earliest resumption of work at Point Salics. vided to finish the airport

FACTS and EVENTS

© Egyptian economics end loreign hade minister Mustala Ksmil ar Said Ibrahim favourad mors hads and economic balwsan his country and the Soviet Union. O the curistiment in the ex-

enditures on higher education y the Conservollya Government in Britain has lad le a situation when by the end of the year British universities will be able to somit 20 thoursnd students fawer than three years ago.

O A special commission hes presented the Japanese Govarnment with o naw programme for the exploration of space which the press predicts, will being the country emong tho would's advanced space exploring nations by the end of the

O Unemployment in Westorn Europs has resched an oll time high - according to the Comminles of the Europeen Communifies, it slood at 12,900,000 in tale transery. This is 17 per can of the worklorce.

On Washington's

Paris. According to the Paris and "Alrique Asie" monthly Nashington has ordered the and of the current Chadlan egune Hissein Habre to loit go at Addis Ababa on the Intvalive of the Organization of Urkan Unity, on national rerescitation with the Chatrman " the Interior Covernment of lational Unity of Chad Goukouы Оцедае).

A report from N'Diamene "mied by the "Jeune Afriqua" seekly says that in the Chedian capital there are increasing ...mbers of all manner of Amerwas "aid organizations", which, according to the magazine, is squested for this country, which france sees es ils traditional time of influence.

PEOPLE

Anionelia Griselli hos boen demissed from the Hollon Min-thry of Justice, She coped with bir dules well, or el leost her colleagues and her ruperios said. No one had any compleinir against the way she want about her work, with one acception. The rules for employment appropriate the second of the seco ployment approved by Musso-lini in 1940 state that the height of an lialian civil servon hes to be at least t60 centimetres. Anionella Grisell's height is only 155.5 cm. The 1940 rules have not been cancelled. The tima tules also provide for on employee's purily of race and his or her membership of the limit party. It would be interesting to the



The successful operations orounted by Nicorognan Iroops have folled the attempts by Somozista thugs to ceize villages and luwns on the border with Hooduras. In the photo: defenders of the Micareguan revolution,

RESPONSE TWO POLES

According to information re-cently published in the USA, the compaten waged by the Reagan administration aimed at lowering Federal loyouts Is producing results. Education is the area where saying has been most pronounced: the Educatton Department's budget has licen cut by 2h per ccm over the just three years. It is also noteworthy that according to the number of its employees the department linds itself at the bottom of the list of the 21 most important Federal agenries whose expenses are due to be axest.

The list is headed by the Delense Department — the numerically largest US agency. The number of employees in that department hes grown over the same three years by 6 per cent to exceed one init

The Labour Department, Housing and Urban Development Department and the Environmental Protection Agency hail their budgets sliced too. In other words, they save on onything to enable the military to should more.

Vladimir ORODETSKY

Science and technology

COSMIC HORIZONS FOR INDIA

By the teginning of the 90s India will be obte to tannch n multiturpose sotellite using its own launching rockets. Title was declared by the Cholimon of the fadish Space Sessorch Organization (ISRO), Prof Satlish Disvan Therefore we need very poworlil rockete to bo fullt capable of placing in orbit satellic weighing over o

Our immediato task is lo more fully tree the recently lounched satellito INSAT-IB. With title olm in view we will activote all ito onboard equipment in the second parl of the year. A modified version of the satclitte, the INSAT-IC, is expected to be ready by the mid-

SIX-KEY TYPEWRITER

The British Itrm of Microwriter has iosnusciured o minitypowriler which has only six keys — four on top for right-hand and two on the left

meosures 23 cantimetres in length, 11.7 centimetres in width and five centimetres in helght, end wolghs 800 gremmos. Different combinations of keys typo out all the Lntin lottera, all the ligners and punc-tholien morks without having to lilt the lingers from the keys. All is needed is to light ly touch the keys in keeping with a special elimple code to he tooing from a lable in a couple of hours.

The lypewriter bes a pregramme for editing the lext ond o dieploy. It elso hos o memory which remembers 1,600 words, and its adopter which tronsmits over the telephons will office reporters.

GLASS WELDING

Fibre optics finds even more uses with every passing year in communications systems, of fering many advontages over wire tinks. However, welding of glass libres remoins to be a complex tack. A Prench com pany recently entered the French markel with o portable instolletion for fibre orc welding. To focilitate the welding, the operator orranges the ends of two fibres so that the gap between them equois ooo-tenth of their , and switches the arc.

FROM the SOVIET PRESS

REVELATIONS OF GENERAL ROGERS

Commenting on the interview for the "Sourbrucker Zeltung" by B. Rogors, NATO supreme officed commander in Butope, in which he cloimed it was imperative to show the USSR that NATO was resolved to deploy all 574 cruise and Pershing-2 missiles, TASS observer 1. Moslov points out

Such "rovalotions" by a NATO leader expose once again hypocitical protestotions by American and some Wool Eu-topean politicions of their "peucoobility", "readinoso for tolks", etc. Belying such elotements is the simple loct that the Pentogon and NATO have already begun turning Western Europo into o launch pad for nucleor dooth carriers by plocing in Brilloin, Itoly and Wost Garmany litroi-strike weapons torgeted of the USSR and other sociolist countries, I. Nosiov emphosizes.

AN EXAMPLE TO BE FOLLOWED

PRAVDA correspondent in Athens Nikolnt Miroolinik, commenting on the second tound of the Balkun conference which closed in the Greak copini and which was devoted to

the creation of a nucleof-free zone in their region, writes: True, iclusal to have nucleof orms on the Bolkan Poninaulo docs not rosolvo the problem of nucleur orms in Eli-rope us o whote. But the process that had begun hore con and should provide a good example to be followed by officer states and peoples. Creation of similar zones in Central and Northern Europe, and skiding all of Erropo of nuclear assenals — this is the only correct poth towards preserving peace. It is important therefore that the tirst steps along this way should be made now when the militarist circles of the USA and NATO are trying to push the Europeons ever closer to the obyss of on otomic culomity and incrending the numbers of sophisticoled missiles there even though if to overlonded wills weepons us it is.

MUMBLING

Analysing the Washington reaction to the peace initialives emanating from Moscow, including the USSR obligation not to make the lits launching onti-suellito weepon of any kind the outer spece, its proposal to conclude a treaty bonning the use of force in outer space and from outer space with respect to Eurth, A. Mozgovol writton in SOVIETSKAYA ROSSIYA.

Except to mumbling about "studying" the Soviet droit treely by the Stoto Department and about on allogedly "unknown" to the United States meening of the Soviet proposals, the US administration has not found environg concrete to say. Such o "lock of understanding" is explained by a sleady aversion on the port of the ruling US circleo towards ony peace initiatives coming either from the US public, or iron other station and international organizations. This was proved by the 38th eession of the UN General Assembly. The mojority of its delegates adopted a resolution on preventing on orms roce in space, but the US representative venting on orms roce in space, but the US representative voled ogoinst. Now, os we know, the USA hos carried out lests of on onti-sutellite complex in ouler opoco,

A POTENTIAL SECURITY ZONE

The areo of the Pacific Ocean is a "potential occurity zone" of the United Stoles. This is the meaning of the declaration mode by Admiral W. Crow, commander of the US ormed forces in the Pacific and Indian oceans. He made it an corned rottee in the ractile one indian oceans. He made it en Copital Hill during the congressional hearings on military allocations. This means, writes S. Chugrov, in IZVESTIA, that year in ond year out, Washington will be building up its military potential, including a nuclear miselies one, in the Asim-Poelite racing. Asign-Pacific rogion.

The scale of US military proconce hore is quite threatening as it is—aix aircrait-carrier groups, clutted with all kinds of modern destruction weapons, the Trident submarines, the nuclear orsenal in South Koroa, the powerful contingent on the Jopanece Islands, this "unstakable aircrait-cerrier".

The belicose onnouncement of Admiral Crow to a kind of o "Pocific chorier", a stage in obaping US milliery desirine, turning a wide region into a dangerous source of tension. Apart from the large-scale increese in the own armed forces in the Pecilic, the Peniagon toresous clearly defined functions for its allies—Jopen, South Koree and Thalland.

THE VATICAN, THE DEPARTMENT OF STATE, AND WAR CRIMINALS

New York. The US Department of State played first fiddle in the escape of nazi war criminals from postwar Europe, organized by the Valicsa. UP reported thet this accusation was made in Dallas by Joho Lolius who worked as a public prosecutor in a special section of the tates of nazi criminols.

On the terrestation of the section of the tates of nazi criminols.

to Department of Justice on the tates of nazi criminols.

On the initialities of the State Department, he said, the Vatican lad from 1945 to 1947 been being war criminals from punishment, supplying them with late documents, load and clothing Lolius succeeded in find-

ing out by studying the papers of the State Department in the archives of Washington, that allor 1947 US military counicrintelligence joined in the operation of helping nazi leaders end execultocere escape from Europo. It supplied them with aniry visas for Latin American cous-

US intelligence resorted to the old of the Vaticao in order to be able to "ties" the experieoca of nazi criminals, Loftus pointed out, in Ibla, he siroesed, the US secret services were fully backed by the State Department.

OF INTEREST

A sensational catch

The nome of the London angior Ruccoll Dwig found its woy into the largest Brilish and foreign newspapers after he caught a 3 kg salmon in the Themes. The publicity is explained by the last thou the river flowing through the Brilion capital now leatures quite sizoble lish. Hitherto the river had been poisoned by industrial been poisoned by industrial woels to such o degree that angling had been a Iruliess
positine, Biloris to algan the
river up has resulted in the return of various species of lish.



Beb Poty, who resides Ia Bed tord, Virgiole, USA, is now the owner of 8 60 cm fall pony, which te believed to be the sborlest horse-like creeture in the werld.

result of bia "horse-breeding"
offori. Photo UPI-TASS

A talking watch

The Japonese have invented a new type of electronic watch, instead of a dial and hande or electronia display, il reveals o oldure of on Orientol beauty On pressing a bullon, a woman voice, presumably that of the beauty shown telle you the prealso time.

The solution of these urgant issues, Soviel fesdar Konstantin Chernenho believes, would rovesse the tide in world effsire towards peace, curbing the ems rece end the promotion of international cooperation. Stopping up milifesism and escalation of world tension have not given end will never give the USA military superiority and political success. The American administration's secent essurences of He intentions can only be ishen

Here are some proctical meves

which the USA might take right ngo: Iho Treety on the Limita-iton of Undarground Nuclear Waopon Tasts and the Trooty on Nuclear Explosions for Peoco-ful Purposes; see through the tosmulotten of en agraamont on a gonarof end complete bon on nucleas woopen tosts, left in-complete due to the US wellout from the relavant negatia-tions; ogsamment to the Sevial proposal for renunciation of the militorization of space; Irease nuclaer esmomenis; seva man-hind isom the possible use of chomical weapons through the

scriously if they are molched by theso issues could be the start

Moscow favours turning

now to prove it wents peace: successful completion of loks en e general end complete ban of these weapons and the destruc-

tion of all stocks of such weepons undar effective control. Konstantin Chernanko gava clearly to understand that the

tire world situation. igreamant on nuclear erms if-

Spariak BEGLOV

reaching of egreement on ell

American relations of a rool turnobeut in Soviet-American rolollons and the en-

The Sovial Union is reolly koen on such a turnebout. We to ochlava II. Fer instance, the USSE proposed to the USA thet nuclesr arsanals be mutually treated, and the recent peoce ossuronces by the US odmielstrollon would carry tas more cre-dibility had it accepted this proposol. Given the current stockpilas of nucleor weapens, such a move would present not the least danger to the security of either side, and would appreciably improve the greecel preciebly improve the gaessel polifical climste end facilifole

Referring more spacifically to the talks on nuclear esms in Europe, the Soviet leader selle-rated that since the USA has used its participation at the felks to camoufloge its involvement in the erms reca, the Soviel Usion has relused to play eleng. If

the tide in Soviet-Europe of nuclear weepons, both medium-rongn end factical, an aim which the Soviet Union continues to support.

Kenstentin Chernanko outitned the norms of conduct nucleor powers should pursue in order to serve morkind's vital

interests: prierly to be given to overling nuclear war os suprome foreign policy abjactive; renunciation of all propagoeda of nucloor war in eny milment not te be the first to use nucleer weopons; the nonuse of nucleor waepons agoinst non-nucleer nations hoving ne nucloor weepons on their territe-ry and enceuregement of the creotion of nucleor-free zones: the inadmissibility of the spreed of nuclear weapons in eny forms a gradual snduction of nuclear erms until they are completely eliminated on the basis of the principle of equal

The complicated world situe tion requires us to double and even trebla our elforts in the pursuit of peoce and interna-tional cooperation, Konstendin Charnenko notad in his election eddress, highlighting the preseni cerdinal geel of the foreign policy of the CPSU and Soviet State.

TON No. 19, 1914

HH INFORMATION ...

AOUEDUCT ACROSS ARID STEPPES

Successful tests have been carried out on a 203 kilometrelong armeduct which stretches from the town of Norv Uzer In Kazakhstan ja Central Asian republici ta the settlement of Bekdash on the shora of the Casplan Sea la Turkmenis. Several thousant cubic metes of water will flow through the waterway every 24 hours. At present fresh water for the setllenient musi Le delivered in tankers. The aqueduct was built ia difficult coadillons. Ils roulo lies across the resterioss Caspiu sleppes, sali-paus sud pla-

The Khasnovodsk Region is the most arid rane in Turkaicnia. The new aqueduct will perout the specifing up of economic development in the area.

PORT

ON VENTA RIVER

Construction has begun of a nery lishing port on the banks of the Venta River in Laivia to serva the needs at Lentherad lishermen.

The following lacilities will be erected several kilometres from He estuary where the wares of the Baltic and the bigh winds are na impediment: julies, a canal-lill for taking hawlers ashare, repair shaps, elc. The first section of the post is to como into servica in

In the wintertime, when the Gall of Finland is covered with i.e. dozens of Leningrad frawlers on over to the ice-free Ventspile pari, Threa major lishing cooperatives in the Le-ningrad Region, liaving pooled their resources, decided to create a large base with a port. Earlier they leased jettles from vorioua organizations.

WHO FUNDS THE PEACE FUND?



in the photograph, you see a group at stillie from Mascow who are members at the yauth association at the USSR Union of Aritsis, They are spansors and parlicipants of art exhibitions, The uroacy from the sales of exhibits in acut to the Peace Fund. Two such axhibitions had in Kuzneleky Street, and a third one is being prapared.

The Saviat Peaca Fund was sel up on the iniliative of the peaple. In the hard past-war years, the Soviet Peaco Camuillea received modesi savings with a preciso mandsto ta use them to prumate the causa of peace. This money came from workers, collective larmers, scientists, and arf workers. Very olien II was son! by tarmer soldiers, and by mothers who had last children in ba war. The Peace Frad was established in 1961. One of the Fund's founders, the writer Konainallii Simonov said that all sorrow belongs to the Soviet people. The Fund's bein to the children of Vietnam was a living remiader of the sufferiage at our own children in the war years, sad, like any manifestatias of bumanism, this help is tuseparable from the tight in

Donallons to the Peace Fund include proceeds tran canceris, poeiry recitals, exhibitous and plays. The contribulure to the Fund inclinie thousands of wer velerans who send in a lev rauliles, which they might well body need them selves, all in the cause at peace. The money for the Fund is also sout hold by individuals and hy major collectives of umplayers. Time, workers from the enustruction trust in Volgngrad, a city which was almost completely desroyed during the Great Pairlotic War of 1841-1845, recently sent 23 litansand muhles,

The money collected by the Fund is used to licip victims of aggression, genocida and natural disasters, ithe the Polestinian refugees, or lice lamilies ni Airiesn Ireedoni-lighters. Beatdes, it finances meolloga belweeu preuce championa in this country and sponsors the studies of the problems involved in the preservation of pencu as well as the publication of peace literature.

PIPES FOR NORTHERN PIPELINES

The Khartsyz piping total in the Pkrsine is lacressing to livery of big-diameter pipes to the construction of oil and or i papelanes in Soviet Politing g.on. The industry's electric welling shop h 166. mg at capacity now there.

Squar fallists at the Paten Par trie: Welding lastitule in Es helped phase in new equipme and mellods like, say, pers culting which ensure the by offting accuracy. Fur then per the local designers equipthe welding mills with dear let automatic control of tsteel strip joints and had them with turning devices.
This year the works supply clients with 1,306 formers of frost-resistant to

ECONOMICAL CANALS

Carmors at the Nizhe Challe collective form tir Kirghita e Confrol Asian republic bea expanded by a thousand link tes the area of irrigated las. ing without additional seaof firigation. The water acclot that was protitled by a .

newly reconstructed impliant The inagators straighter, the canal, fared it with 1866: red concrete and anomore the water lalet and outlet & lities. Soon the chial will co watering the crops.

lii rationally using water is sources, Klightz englace have already revered with occrete mearly 5,000 kilometra. emperie. The use of various est littering coatings and asters tion of water julet and oute Incllities helped tocreate nearly one quarter the enest

HOME NEWS

Places to visit Science and technology



The entrance to Musenni-Flat of Fyndor Dosinycysky

The house where Dostoyevsky was born

Any associations between Moscow and Dosloyevsky may at its seem to be a mere coincidence as the life and work of the great writer is inseparable from St Petersharg, Ycl. Moscow is the city at his childhaod and adulescence. It was in a fist in Bozhedomka Street that the throlly at Mikhail Dostoyevsky, a doctor from the Marinsky hospital, hund a firme. Saven of the doctor's children were horn tiere, one of then destined to become hamarial.

A century later, a plaque ontside lite door annumeres that the home has become the "Muyenu-Flat of F. M. Hos-

The museum stall have restored the uppearance of the house from erchitect's drawings from those days and from Recollections' written by Dosinyevsky's younger brother. We can leak tala the sursery where everything talltes with bis memory — the cols on which the cider brainers Mikhall and Pyodor slept, the colourful tiled oven, and a small

Having determined to establish what influenced the formation of the writer's personality, the staft members of the museum looked for things which were precious to Fyodor during his childhood, and which were part of his life, These ilems are now part of a new display.

There is a candlo burning at the and of the hospital corridor down which 16-year-old Fyeder Dostoyevsky mar ched to 1837 before leaving for St Petersburg. It throws light

on a clean sheet of paper bearing the writer's signature.

Objects of everyday Russian life, and the emosphere of a gussian house litts modes! But, in the evenings, the Doslayevskye read Karanizin'a "The History of the Russian Stale". Later, the writer would make this book a constant liem on his deak. They discussed the events of the Patrioti War sgainst Napoleon early in the century, and they highly honoured the autional engions and traditiona.



The dining-room of the Dostoyevskya.

RECORD-SETTING CRYSTAL

The atr temperainra in the working chamber of a new unit far the collivation of artificial diamonds - Itaniles - la higher than that laund on the surlace of the Sun. It was develaped and began operating at the All-Unlan Instituta of High-Frequency Currents la Leningrad, where a crystal weighing two kilogrammes has been ob-

Such hig limites help expand the possibilities for drilling and laser equipment. The crystal objained at the institute has the main qualities of a dismond regarding hardness and lempera-ture of ovsporation. It has the some high light retraction index. Such crystals can be marle almost flat which will consider ably reduce the weight of optical instruments.

USING THE SUN'S ENERGY

The arlyantages of a solar water licates and an electric power station have been combined in an installation created by experts from Turkments, a republic In Central Asin.

The electric current travels lute one of the houses in a town of scientists, and water heated to the point of boiling is led into the heating systems of the scientific centre.

Here they make full use of the Sun's energy. Whereas pre-viously solar batteries converted tino corrent only ultraviolet radiation, in the light receiving devices with their blackener surfaces only infrared rays are trapped. The new equipment captures and transforms the enthe spectrum of solar multition

Into energy.

The lirst such station rated st ten kilowalls, which will sinrulianeously serve as a boiler plant to produce nearly one hundred litres of hol water an hour, is to be built in une of the shepherds' settlements in the Ashkhahad District next year

A FROST-DEFIANT

Soviet agriculturista have developed a substance which helps cercals and Iruli trees sland up to unexpected drops in temperature. It is known that plents fear sudden heavy Irosis, because the cells of, say, wheat are 80 per ceni water. Sab-zero temperatures rupture the cells like bollies of water hresking in the cold. But if the lempera ince lalle gradually, say, in autumn, the sollsame wheat has enough lime to adapt to the coming while of to "barden up", as the exparts say. All the vhila the pisnia' vital processes change, atemwing their growili, with all the resources used to store up the lais, sugar and protein needed for the win-The "excess" wsier Ining

ral suirjects taught in Russian such as methematics, htology

or geography. The echool's tea-chers have already mada eppli-cotion to the Pushkin instituto

of Russian in Moscow whose

stall is offering them thair sup-

port. The Peruvian teachers

parla, they want to have seve

daya gone by lemperatures within the lori resultand to be no higher thon +86-12°C. Experis from the cultural monuments design institute will remove all liese abortcontings, withle leaving intact the erchitecture Central heating will be tnatalical se well es a device to meintain e certein degree of numidity in the hells. Lamps siylized as candles and torches will imperi a medieval flavour to the in-

Restoretion la also underway in the Hermann fortress in Nerve, which will house a museum end cale for tourists. Meny other castles in Estonia are being converted into cultural centres. For instance, the ruins of Haspsalu castla and the for-tress in the lown of Rakvere ara lo be transformed into outdoor theatres and concurr hells.

VIEWPOINT

30 YEARS OF VIRGIN LANDS

into crystala in slight trosts

nai interceliularly but hetween

Regrellably, the weather does

not follow any lixed dates, and

often enough frasts do a lot of

damage to the economy. The

alaro-mentioned substance, kar-

iolin, lilia ihe bili. Pianis ireoi-

ed with it can stors more than

the normal amounts of lats, pro-

ich and sugar and appreciably

remove the ley water. Tests have shown that at lemperatures

al -18° to -20°C which are

fatal to plants, oll hundred un-

treated wheat stalks died out

while suother bundled treated

with kartolin 30 to 40 per cent

survived. In ather words, the substance adds to the plant's

frull trees.

THERMOMETER

the surfaces.

generator.

FOR A GENERATOR

A method for an-osining temperature hiside working

power generalors was put for-

ward by scientists working for

the Yerevan Polytechnic, Ar-

menta. It is based around intra-

red radiation being sensed from

An invisible beam scans a

uart of the electrical machine

and the results are brought

console, via telemetric link,

This is the scheme used to the

ultor the temperature of sta-

Unlike the method presently

being used it is a remote me-

flied capable of measuring

temperatures inside a working

This however needs no multi-

ple sensors, about a thousand

ol which are installed on the

stetor as previously, nor does

il need two thorsand wires to

bo chacked for failure. In the

new method only ten aensors are

needed which are mountable

on the rolor, and a non-contact

electronic device is used to re

port the temperature to the

machine operator. All the sen

for an old fortress

Old loil resses ejected in the

Middle Ages in Esionia are tak

lug on a new lease of life. The

biggest of them, Kuressnare casile built on Snareman istond

in the 13th-14th centuries, is be-

ing turned into a cultural centre.

Following the completion of restoration and construction

work, it will house a mnseum

dedicated to the local history

of the Kingisepp Region, exhibi-

tive and epplied art and photo

grephy, plus a chamber concert hall. Traditional folk choir fes-

tivels will be held in the court-

There was a lot involved in

the reconstruction work, for the

restorers had to contend with

form of narrow emiriasurea, in

sors are easily replaceable.

New life

from a serisor to the operator

Konstantin RAZIN

Parniers in Centrol Russia had onk been niiracled by the crop-growing opportunities offered by the steppes lying the Kazaklistan, essiward of the Urals and in Stherin. However, these areas remained mostly undeveloped; dry and aaudy winds, early irosis and ather misforiones were charsetaristic as those onco uninishiled places. So the people moverl larifer on as they were unable in crack the secrets o productive larming there.

Irosi-resistance by 30 to 40 per Soviel hamers much assisted cent. There have been promisby advanceri technology and ing results, loo, in lests with science, conquered the steppe

in 1954, a Plenary Meeling of the CPSU Central Committee specified the details of this venture unprecedented to scale in Soviel history. The preciting adupted a resolution, "On the Enriller Increase al Gialo Production and on the Develop ment of Virgio and Pallan

Lauris" It fullfaled a tremendor crop-growing project, which in volved thoursands upon thans ands of peuple from all the So viel republics, and big uninters al machines and mechanisms

"The development of the Vir gin Lands," reads the congrati alory message from the CPSU Central Committee, "Is an iruldanding labour feot of the So viet people, a landmark in the blography of mittions of pen-ple... The ouslanght on the Virgin tands was indeed a majler of unlimed concern, and ພາຄອນໄດ້ exaurale of fraterna riendship and internationalism shown by workers to all the

Union regulates.
"The three decades that have elapsed since were n canving ing pruol that the developmen of Virgin Landa was nilemple in the right time and was eq elo-ecunomically justified. Wit every passing year the Virgi Land regions contribute on all ever greater scale to the lin ramme of the USSR."

Over the 30 years, more then 42 nrtillon hectares have been developed, including 25 inililou hoctares in Kazakh staa. Hundreds al sellements end lownships with all mo coas lieve sprung up, intercan-sected by thousands of kilo-metres of roads. The Virgin Lands tarm the basis for mor than 2.000 state larms and se verol hundred collective larges The Virgin Lands have be come a reliable breed buske of the country. In the past erid year, Kazakhstan alme produced more than 14.5 millian lounes of grein, or sever times as much as in 1953. A glani agroindustrial complex was built in Kozakhsian, which ivas becomo the country's big gest grala producor.

The Virgin Lands project boosled enimal husbandry is Kazakhstan, 100. The herd of callle and pigs more ilian caille and pigs more list doubled, the procurement of meat grew by three fimes, milk end wool procurement went up 2.5-lold.

The tarming industry. there has now been experiencing se veral processes, including further centrolization and specialtzution, and total mechanization offaring higher productivity. The Food Programme states fliaf over the period till 1990 Kezakhstan is lo produce 29-29 illion tonoea of grain an

The development of file Vi gin Lands has benefitted other Kezakhafan's industries as well. Compering with 1954, ils fudus friel output has guna up mor than binelold; if now produce five times more than the whole uf pre-revolutionary Russia, Similer changes occurred in cu ture and science.

FROM the SOVIET PRESS

RIGHT TO HOUSING GUARANTEED

The image given out by the modern Soviet city is one of new residential oreos. Over 110 million square metres of housing, or 2 million new oportments, were built lust year olone, writes STROITELNAYA GAZETA.

Over the years of Soviet power, operament blocks covering on orco of 3.8 thousand million square metres have been built in this country. Despite the tremendous domage incurred during the Great Patriolic Wor, when 1,710 cilies and towns were destroyed, this country's urban housing resources have grown over posiwor years by neorly six times. During the post 8 years (1976-1983), 80.9 million Soviet citizens have improved their housing conditions,

Over the 11th live, year plan period trione 11981-19851, 110 thousand million roubles have been allocated for housing and municipal construction.

The Soviet effizen's right to housing him been inscribed into the USSR Constitution, the first time that this has been done unywhere in the world, notes the newspuper. It was further reulfirmed to the basic housing law of the USSR adopted at the fifth session of the Species Section of th Supreme Soviet of the USSR of the tenth convocation The inw provides legal confirmation for the of the regulations governing the right to receive accommodution and its perpetual use in houses belonging to the sine, to colicelive bodies or to housing cooperatives. The law olso stipulates that the distribution of new housing will now be corried out, occording to the principle of each inmity getting o senpariment, 80 per cent of urban dwellers itirendy live in such npuriments.

Budget research studies show that three per cent of the Soviet factory and nilice worker's family budget goes on tent and tutes. Two-thirds of the maintenance costs of housing resources are shouldered by the state

DOCTORS IN OUTER SPACE

One of the three cosmonouts on boord the Solyut-7 spire complox, Oleg Aikov, is o doeto: of medicine, ito is the first docto: to go up in spoce after Boris Yegorov's Hight in 1964. The SOTS! ALISTICHESKAYA INDUSTRIYA newspoper discusses why the informolion received through felemetric chonnels is insufficient for the purposes of medical research and describes the lunctions of a decler in space.

Since Yuri Gogoria's Hight another 136 people Hora 13 countries hove been in space, the newspaper remarks. Plight length has increased from one hundred and eight minutes to seven months. Over the past ten years, this country alone has launched six biological satellites with "pussengers" on board representing very diverse species of louno longing linm monoccilular cultures to open. The considerable experience thus guined has allowed Soviet actentists to implement to programme of medical support for long-term space ex-

However, in their progress requires that more sophisticoled research be corried out, and, what is more, n spoce, rather than on Earth.

Only a specialist can perform such experiments in spuce, and evolutie and analyse the information thus

Modern rescorch mukes possible very detailed mo-nitoring of the state of health of casmonouts, as well as precise loreensis of changes in their bodies cruserl by the unlovourable influence of space. However, us time goes on, space exploration is becoming more and more complex. In order to ossess humon reserves ond potentiallies, it becomes necessary to pluce the cosmonouis under odditional lood. To do this in orbit without the presence of a rioctor would be too much ol o ilsk.

At present, the psychological and emotional state of crows is appealsed by listening curefully to the intonations of their voices during communication sessions. It is quite clear that this cun best be done by a docfor on board who keeps his collengues under constant observation.

GAS SPRING OF KARAKUM

4,000 million cu m ol gos hos been led into the trunk gos pipeline Centrol Asio—Centre irom the Dauletobad-Donmez tield in Turkmento, Centrol Asia, IZVESTIA reports.

For its opening and occelerated exploration work o large group of oilmen were oworded the 1983 USSR State Prize for science and technology.

The geologista hod to overcome mony mystaries and dilliculties on the way to the underground riches, the paper noies. Over seven years drilling operations involved a 3,500 sq km orco. Used for the lital time thero was the odvanced drilling method using on in-creased dilling "spon". While earlier derricks stood three to lour kilometres opari now they stond eight

to ten kilometres upart. The pruspecting oren has been considerably increased.

The Dantelphal-houses tield is culted the gem of Turkments. The explaintion of the new storehous continues, while local que is already being delivered to the centual areas of the country. The exploration of the field will help to salve, by the end of the live year plun period, the task set by the guidelines in USSR economic and sacial development — to roise me turni gus production in Turkmenth to 81-83 thousand

million cubic metres a year. The hypothesis of the possible presence of off Dutlettihod has been cuntimed. Two wells bored under the gas-bearing floor produce an influx of all with a dolly yield of 80-100 toures. The exploration of the oil "loyer" continues.

MODEL OF THE FAR EASTERN CLIMATE OF THE FUTURE

The newspuper VOZDUSHNY TRANSPORT reports that the World Meteorological Organization (WMO) and the International Council of Scientific Unions (ICSU) omong whose most active members ore Soviet scientists, have devised the Global Atmosphere Rest-

The noitonal climatic programme for the Soviet Union which is closely coordinated with GARP incompanies allows to the distance of the control of of the cont poroles ciloris to devise o model to lorecosi the cimole in the For Snat loter this century and early in the next. The ropid development of production in the eriet of this country requires reliable forecasts of the

The elimotic cycle of the For Enst is dominated by one onsoons, which orn alcudy seesoned winds whose Notice Notice direction is obrupily reversed twice o. year. Notice oble influence on the region is exerted by the second Share the colled Siberinn onlicyclone. One ofter onother, Maritime Territory is crossed by big ond smoll cyclonea and typhoons which originals in the equalors, areas. From this II follows that knowing trends in constants motic changes, dependent on the olmosphere, considerable doroble savings would result when opplied it mic plonning.

The newspoper concludes that in o lew years lime, specialists will have devised the lital probabilistic modol of the climate of the For Bost. The bosic objective of this model is the preservation of o climate layouroble for humon life and habitation.

---- Ha: 19, 1984

They speak Russian in Atusparia

slow was taken to ask for the

opinion of the parents before

classes began as what loreign

language they would like their children to study. Eighly-two per cent of them opted for Rus-

At present, 23 million people rindy Russian outside this country. It is taught at schools in 60 countries and at universithe in 80. There is a growing luciest in Russiao in Latin American countries, such as

Alusparis is the name of o callonel hero of the encient ingiven to the first echool in Peru where Russian is one of the subjects taught.

The history of Atusparia is of interest. In Peru, e foreign language is e compulsory school subject. As e rule, this foreign language is English. At foreign language is English. At this school, however, e deci-

The most probable reeson ts the rapid development of friendly relations between Peru and the Soviet Union. There is e growing cultural, scientific and lecholcal exchange, and growing numbers of tourists vi-all each other's countries. The

Peruviens went to know more about the Soviel Union, its past. Ha present, He nature and people. Over the past ten years' there lies been a considerable Increase in demand for Soviet magazines in Spanish. At Atus-

have been promised textbooks, sels of recordings of lessons, and other teaching aids. It is also important for the Peruvien teachers not to lose their fluant knowledge of Russian.
With this in mind they will rome to the Soviet Union in a very short time. On its : part, Alueparia is to be visited by a specialist in methods of teaching Russian.

MR INFORMATION No. 19, 1984

YELENA SHROFMIROAV



Yelena Shkolnikova's very flist role that of Countess Cepiono liom "Rigolelto" at the Bolshal in Moscow consisted of only three phrases. Even with that short appearance on slage standing before the black abyss of the euditorium she could not hear the orchestra for Iright, but at the same time she wished to altract everyone's alleolloa.

This is how Shholnikova begon her career with the lamous componey. Over the two years that she was on probation at the Bolshot she aong such diversa parls as Despins in Mozort's "Cost ian lutte", Oscar la "Un Bollo in Maschero" by Verdl, Antoolde in Glinka's "Ivao Susaaln", Brigilto la Tchsikovsky'a "lojanthe" end other parts. These roleo brought about the recliretion of har dreams, wheo to 1980 she was mode a hill-fladged maiober of the Bolchol com-

Over the past two years, I song two asw ports — Loutee in Prokollev's "Duenno" and Maria lo Rimsky-Korcokov's "Tsor's Bride", Marta is particularly prectous lo me, Yeleas soys, 1 like heroines who ore dramatic ond atrong, who it we usused lives. My dream is to sing Violeits from Vsrdi's "La Treviala", which is my

I was lucky, I was one of the little pupits taught by Yelana Obrazisova, site continues. My leacher sought to impart to mo everything she knew and could do herselt. Yet, our tinda ii dilitculi lo lake in everything at ooce, How-ever, I hove learoed enough irrim Obrazioove to last me my whole lite - vertiable school of singing, mastery and artistic approach. Tho most important thing to to pussess zcalous

loyally to arusic and singing.

Shkoinikovo's credn in music to lo look to: those pieces which are little known and rarely performed. It is this thirst for something differank that helped her who the Second Prize of the contest camed after the itelion violinial Violil in antumn 1983 where no one won the First Prize, Every two yesis, singers, instrumenisists and dancers from different countries converge on the anial ancient town of Vercelli not lar from Milan Shkolnikova went oot og raw newcomer, but on a seasoned sololat from the Bolshol and the only representative of this country, it was a responsible horrour, and an incredibly hold one to live up to-

The contest lasted tor only three days. The night. Performances began of fen in the evening and Yelena had to sing lete at night. The third tour was the most entoyable and happy for me, she says. The conjustants sang before an midienre who could reolly show their approciation and this helped my creative pertormance, f jell especial elan and excitement, I not only aning but also acted, oddressing inviolble pariners and intagined thesirical scenes, I had nove been such a success before. This won truly bliss.

What la one's impression on hearing Yelena Shkointhova? Her voice is a fyrical coloralura soprano which is a lucky conthinalloo be lween lightness and expressiveness, movement and quivering lenderness. The parts which she sings at the Bolshoi allow her to show the different aspects of her folent for acting ronging from comic and playlu) to profoundly dramatic.
Wholever sha sings, Shkolnikovo's performence is always sincere. Sire "holdo" the andlence with her charm, enthusiasm, and the love to the music she is singing.

Sha is fo slog more aew parts and do much work, in the luture, ahe will have both successes and disoppointments, hold victories and deleats, and mony of them for sure, The most imported thing that she will have is the luture is har singing, and sloging, she says, is her lite. Alexandra YEGIAZARYAN

Yolaoa Shkolnikova in Tchraikovaky's "Queen of Spades".

Photo by Georgi Solovyov

COLOURS OF Now on of the Central Exhtbition Holl (Pyotidesyotiletiye Oktyobiyo Suf in Moscow la o show of tine arts, os well as tolk ond decorative applied ort of tizhekistan, a Union republic in Contral Asio.

On display are documents of ond other Russian cities. post history like posters dating Also on show ore pictures



● E. Aliyav, "Mukum Ako, e Millier from Bakhmal",

M. Tekhliyev, "A Pamily Portrail la lba Interior".

UZBEKISTAN from the tirst years of Soviet power and drawings by members of workers' ort studios, which were the heginnings of orf educotional focililies in Uzbekision. Tha flist teachers there were moders from Moscow, Leningrod

oheels of new residential areas. The opplied ort section hoo obundant woll corpelo, ceramica, wood carvings, paintingo, cloth printings and hand-weaving The exhibition is dayoted to

the 60th onulversary of Soviet Uzbekislan.

loion, ond painlings and graphic



'THE THEATRE MUST SERVE PEACE'

A delegation of US theatre people has visited Mosenw and Leningrod of the invitation of the USSR Copyright Agency (VAAP).

The delegation came to discuss the state and development of thealiteal ort and the role of the playwright in the Soviet Union and the United States and that of the theatro in the modern world. Toking part in discusorona from the Soviet side were representatives from the Copyright Agency, the All-Russian

and playwrights. They also miles to tons of Soviet theatres. The male theme of the da cursions was the algorificant of theatre in the mode world, and the role which it co and must play in the presenttion of peace, in achieva deterile, and in the consider

tion and development of much

numberstättlichen beiwest millen

ston of the Gogol's const

to the inusic of the Moxe-

"The Inspector-General" signi

composer. Alexander Chalker.

by Oleg Vinogradov, the da

chorcographer of the Knor ex-

pring. The leading dancers in:

the company and their yang

colleagues will take part in E-

bellet performances mide the

chassical and modern bits

namalutes.

Theatrical Society, and the Sa

viet National Centre of the b

lemational Theatra Institute #

well as Soviet thesirical work

Ballet's Viennese tour

The Eirov hallet company of Leningrad is representing Soviet ert at the international music lestival in Vienna.

The Lentingradets will appear with Pyotr Tchaikovsky's "Sleeping Beauty" staged by the choreographer, Marins Penpa, The main role is to be danced by frina Kolpokova. For the first time, ambences in Vienna will see the choreographic ver-

> hi this photo by our photographer Andrel Knyszev you set the Russian dance, "Barynya" perturned by the Leningson Music Hall. The company is now visiting Muscow where ts performing on this stage of the Central Concert Hall. Il is their seventh guest appearance in this city. They show "The frappy Day" programme, which is a soil of o journey into the past and they also perform original items in the

One part of the programme is based on Russian tolking the other is dedicated to modern thythms - music, songs, and dances slaged by this country's famous chorcographers,



WHAT'S ON!

March 6-12

_THEATRES__

Kremiin Palece ol Coogresoes (Krenriin). Performance by the Moscow Classical Ballet ensemble: 8 (mat) - Streuss, "Tricks of Terpsichore" (belet). Bolabol Theetre performances: 7 -- Puccini, "Madoma Bullerfly" (opera). B |evel --Minkua, "Don Quixole" (hal-leti. 9 — Verdi, "fi Trovotore" (opero). 10 - Triple-bill: Chopin, "Ciropiniana", Mozati and Sallerl, "Mozart and Sallerl", "Divertissement" (ballets).

Bolahol Theetra |Sverdlov S(). 8 (mai) — A concert by Bolahol sololata; 8 (eve) — Rimaky-Korsakov, "A Tale of the invisible City of Kitezh" Sea Guil" (ballet). 10 - Glinke,

"Ivon Suaanin" (opera). Stealslevsky and Nemirovich-Danchenko Musical Theatre (17 Pushkinskaya St). 7 -- Khrennikov, "Dorothea" (opera). 8 (mat) — Mozart, "La finta glar-diniere" (opera); 8 (eve)—Minkus, "Don Quixole" (ballet). 9
— Tchalkovsky, "The Queen of Spades" (opera). 10 — Rimsky-"May, Night" (op-

era). II (mat)—Morozov, era). II (mat)—Moresov,
tor Doolittle" (ballel), II had
tor Doolittle" (ballel), II had
tor Doolittle" (ballel),
gin" (opera). 12 — Prokolit,
"Ciuderello" (ballel).
Operatia Theatre (6 Public
shows 511 2 — Valman. Its

Skoye Si). 8 — Kalman.

Cypsy Princess", 0 — Zhurbu

Cypsy Princess", 0 — (med. ali)

"Penelope" 10 (med. ali)

Felisman. "An Old Comed.

Commission of Comm 10 (eve) — Ilyin. 10 (eve) — Ilyin, [Delb Lyuhov". 11 (mai, all)—Delb le-bill: Casagrande, Kneur.
chio's Advantures'; Kneur.
kov. "Children In Kalaus.
yard"; 11 (eva) - Kalaus. "Evening Viellors" FILMS___

blens lacing them.

Lyubov Orlova (Mosilin 9

ICE HOCKEY A Illa story of the last Soviet film star.

Cinema: "Metropol" [1 ProCinema: Metropol" pickets

peki Marxa). Metro Sverdlovo. Love, Leos (Coll) Film Studios).

Based oa V. Deikoy's Besed oa V. De

BANDY Dynamo Stadium, 8 — Mos ——11°C at oight, occur Dynamo va Alma-Ala Dy. duriag the day.

nomo. 10 - Moscow Dynone ve Khabarovsk Army Club. t p.m. [hoth doys).

DIVING

SKATING

p.m. On 8 - at 11 o.m.

9 ond 10 - at 1 p.m.

Dyoamo artiticial skatlag

RACING

Hippodrome (22 Begovayo Sif. 7, 9 and 10—Raciag and

trotting. Oa 7 - al 6 p.m. On

WEATHER

March 6-12

in Moscow, city and region, cloudy weather with bright in-

tervals, which become loager to the second ball of the pe-

riod, SE and E wiad, Night tomporatures will be -- 20,

-7°C (dropping to -10°C to

estern part of the region), and +2°, +7°C during the day.

The ead of the period will witness lamperatures of -6°, -11°C at oight, and 0°, -4°C during the day.

Olimpitsky Swimming Poo CONCERT HALLS. (Melro Prospekt Miro). 8-11 - International competitional "Spring Swallows". On 8 - at

BUSINESS

'Metalloobrabotka-84'

through the eye-glasses

wide range of mochine tools:

from those to be used for

watch-making ond instrumen

making to process ports weigh

ing mers grammes to those cop

ing with fumbo parls of up to

several tonnes
The Soviet display will fee

ponding Member of the USSR Academy of Sciences, has been closely followed in West Cer-

ninny. The Fyodurov-Zakhatov's

lens is in the centre of often

Recently we signed major con-

tract with the Soviet Union to

deliver to this country an opti-

cal lens producing foctory The

leases are to be used with local

Rodenstock has always been

lot mutually beneticial trade

with the USSR and will never nlandon its principles, V. D. Steffens concluded.

chine-builders from Vicinant,

Syria, Ghane, Egypt and other

countiles will for the next four

months be allending theoretica

maint factories in Moscuw, Le-

human engineering, plonning,

solety engineering as opplicable to mechine building factories.

They will be supervised by ex-

perlenced foctory engineers and

ningred, Toshke of and Thillal.

lectures, labs and preciteals at

Much offention will be paid to

tion of the world doctors.

ligurolion.

"Metalloobiabolka 84" exhibi-tion, a specialized international

show of equipment, instruments

and devices for the metalwork-

ing industry, will be seen in

Moscow, the that to be held in

this city.

The Sovial display leatures

over 300 exhibits representing

various trends in modern ma-

chine building. These include

numerically controlled and ag

gregate machine tools produc

and pressing equipment, indust

rial robots, cuiting, abtasiva ond

diamond tools and equipment

lor that production, instrumen-

tation, glossing and filtering as

Cooperation

On relations go better all the

time - thanks to our recurrent

contacts, said V. D. Steffens, o

spokesman for West Germon Op-

tische Werke H. Rodenstock, to

so MNI conespondent, Thus,

the company has delivered to the USSR a set of equipment for the manufacture of bilocol

lenses to be produced a) the

lown of lzyum. The factory hos

already oftoined its full capa-

diy. In 1982, the company ar-

ranged o symposium in Moscow

to discuss its achievements in

it should be noted that Prof

Some 250 students from 46

countries have been given dip

omas of their having graduated

builders. The Soviel Union has

run these courses los 15 years.

The courses are co aponsored by

that the Engineering Department

of the Patrice Lummntha Peoples'

Friendship University opened its

doors before specialists from

third world countries. The mo-

Cinemas: "Leningrad"

St) Melio Shobolovskoyo.

Wolter Ulbricht St). Metro So-kol. "Almaz" (58 Shaholovka

UNIDO. It is for the fully time

from the courses for marline-

IN-DEPTH TRAINING

FOR MACHINE-BUILDERS

Fyodonov's work, who is Corres-

well os other liems.

lion lines, programmoble lorging

Central Concert Hall (1 Moskvotelskoya Embenkment, al the Rossiya Holel). 8-11 (eve) 10 o.m. ond 5.30 p.m. On 9 at 6 p.m. On 10 - at 10 e.m. "A Hsppy Doy", a review tealuring Leningrod Music Holl. ond 6 p.m. On 11 - ot 10 o.m. ond 5 p.m. 10, 11 [sft] - "When the fleat Sings" a concert by the traingrad Music Holl. Olimplisky Sports Complex track (69a Leningredskoyo Prospekt Alirot. 6-11 - "With Shossef. 7 and 8-Moscow youlh Love for Women", e dremeti-

7ed performance. __ CIRCUS

Moscow Circus |13 Tavelnoi Bivd present its new produc-tion 'On Wings of Time'

__ SPORTS ___

Small Sports Arano (Luzhni ki). 6 — Moscow Spariak va Ceniral Army Club. 7 — Moscow Dynamo vs Chalyebinsk Trakior. II – Moscow Spartek 13 Izhevsk Izhata). 6.45 p.m. (every day).

The Commine company, USA,

Commins first seminar

sponsored a saminar for Soviet expans of the Moscow office of the US-Soviet Trade and Economic Council. The meeting was devoted to the manufactu-re of diesel engines and their operation. The lirm had ao previous Ilea with the USSR, the scallnor being the lirst attempt at approaching Soviet market,

tuto many recently announced products including so called an-This secting, said Charles ioniolic centies with automater Boll, member of the Comm boatd of directors, represents a wonderful opportunity for us to stake contacts with reprafor melalworking and loundry production, unique machine lools for lotal processing of sentatives of Soviet organizapails for got and steam furliona. We hope that the exchange of opinions in the courblues caonigs, crankshalls and se of the seminar will be useother parts having inhicale contul to both sides. If mutual lu-Lidiye SHALUNOVA lorest appears, one can hope for coonerollon in the future

The lirm's expetto read a number of papers devoted to the use of Commins diesel engines in mining machines, bull-dozers and other equipment ern climate. Matters were also discussed pertaining to designing methods, maintenanco in field conditions and luture

In their ellous to make bustness contacts, the Commins delegition visited a number of Soviet organizations, including the Ministry of Foreign Trade of the HSSR, Avinexport, Trakloroexport, the Ministry of the Automobile Industry of the USSR, and other organizations.

Information and computer technology exchanged

"Finlo matika-84" - ibis the name of the first Finnish symposium on Information and compiler lechnology sponso-red by V/O Expocents at the International Frada Centre in

OSCOW. Among the delogates who have errived lot this business event are both Finnish and loreign firms operating in Finland, with a stoke in trade with the USSR. This was told to an MNI correspondent by Managlog Director Helkki Auvinen the H. Auvinen Conculting Oy, the firm organizing the ex-

Apart from software equipareni and lechnology the lirms have brought the programmes and services based on softwore. They also present specialize construction relevant to the laformation industry. This exhi bition is one with a difference. becouse its porlicipaois are octively looking for possible pur-chases from the Soviet Union To assial thio possibility a speciel information service concerning actiwere technology and equipment avoilable in this country aultable for imports le Flaland is on hand.

Il caa be said that there are contacta between our countries in the area of ware design. Good results heve emerged from cooperation in railway traific coatrol. A system for business finks has been set up between Hefsinkl and Moscow which allows informallon from information banks fa Finland to be available to the Soviet capital, aoled Heikki

Addia Ababa. The Ethiopian capital has been visited by a Soviel trade and economic de-legation headed by V. Lakhtin, Vice-Chairman of the Soviet Union's State Plaoning Commit-

The delegation, which arrived oo a working visit, includad deputy ministers of Trade, Light industry, and the Food Industry, as well as representa-lives of the USSR State Plea-ning Committee, the USSR State Council for Foreigo Rec-

prospects for further coopera-

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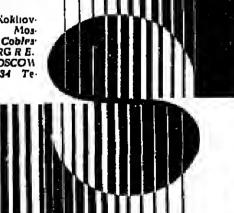
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The firm of Videodata has supplied the USSR with a oyabe installed at the USSR Min istry for Foreign Trada.

In its turn, there is o consideroble Interest in Finland in the use of Soviet computere. Among other things, the experience of the Automatic Management Systems at the Sovincentr'o hotela will be used in new Finnish hotals.

SOVIET DELEGATION VISITS ETHIOPIA

nomie Relations, and the USSR

Ministry of Foreign Trade.
On arrival of the airport, the head of the Soviet delegation said that the aim of the visit is to deepea and expend the trade end economic ties between the two friendly countries. The defarms and agriculturs) enter-prises, and visit some projects in the processing and light in-dustries in order to outline the

Contacts and contracts

 Laonid Koslondov, Vica Chairman of the USSR Council of Ministers, chairman of the Soviel section of the USSR-Wost German commission on economic, selentifie and toch nical cooperation, has recoived H. Frisder)ehs, chairman of the Board of Dresdnar Sank A.G., head of the West German side of the mixed group of banking and finoncial experts, of his request. They discussed quasilons reloting to the work of this 50-viol and West German commis-

 Gurl Marchuk, Vice-Cheirmen of the USSR Council of Ministers and Cheirmen of the USSR State Committee for Scienee and Technology, has recoived M. Schimberni, President of the Ifalian chemical concern, Monfadison. They discussed the further espansion of scientifie ond lechnical cooperation in the hemical industry.

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